	Ty	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
1	BR S	2735	(gain\$1 same (equaliz\$3 flat\$5) same filter\$3) ((IGE DGF) near7 filter\$3)	USPAT	2003/04/25 13:19			Ģ.
2	BF.	235564	circulat\$4	USPAT	[2002/08/27 17:51			0
3	BR S	2302	((d)ffract\$5 near3 grat\$3) same /(light keam\$1) near7 (d:spers\$4 diffus\$4 scatter\$4))) (ccncav\$1 near7 grat\$4)	USPAT	2002/08/27 18:36	•		6
4	BF. S	69844	liquid nearl prystal\$1	USPAT	1002/08/17 18:01	•		
5	BR S	8704	<pre>(mirror micromirror mirror micro-mirror) same (reflect\$3 adj5 back)</pre>	USPAT	2002/08/27 18:07	*****		
6	BR S	C	((gain\$1 same (equalit\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and .:(diffract\$5 near3 grat\$3) same ((light beam\$1: near7 .disper\$\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4); and (liquid near1 crystal\$1: and ((mirror micromirror mirror micro-mirror) same (reflect\$3 ad\$5 back))	USPAT	2001/08/27 16:06	•		U
7	BR S	69915	<pre>(mirror micromirror mirror micro-mirror) same (reflect\$3)</pre>	USFAT	1002/08/17 18:25	********	.	0
8	BR S	0	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4)) and (liquid near1 crystal\$1) and ((mirror micromirror mirror micro-mirror) same (reflect\$3))	USPAT	2002/08/27 18:08	ф то - 11 ф.	•	O
9	BR S	10031	(diffract\$5 near3 grat\$3)	USPAT	2002/08/27 18:09	۰ ۸ .		
10	BR S	11	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))	USPAT	•	•	•.	 O
11	BR S	3	(((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGE) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and ((mirror micromirror mirror micro-mirror) same -reflect\$3)	USPAT	2002/08/28 15:54	•••••		ō
12	BR S	21	(:(gain\$1 same (equalic\$3 flat\$5) same filter\$3 ((CBE CBF near7 filter\$3)) and circulat\$4 and (diffract\$5 near3 grat\$3)) and (mirror micromirror mirror micro-mirror reflect\$3:	USFAT	2:01:408/13 10:47			
13	BR S	2	((gain\$1 same (equal:n\$3 flat\$6) same filter\$3 ((DGE DBF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4)) (concav\$2 near7 grat\$4))	USFAT	2001/08/27 18:37			

	Ty	Hits	Search Text	DBs	Time Stamp	en	De fi	Er ro rs
15	BF.	1	((((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (mirror micromirror mirror micro-mirror reflect\$3)) and liquid near1 crystal\$1	USPAT	2002/08/27 18:40			0
16	BF.	12	(((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3) and circulat\$4 and (diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (disper\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)))	USPAT	2003/06/20 17:53			0
17	BF.		(:"6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5108481"+.pn.\ and spectral	USPAT	2002/08/27 18:46	•	•	ij
18	BP. S		(("6434291" "6327280" "6275623" "6154590" "5805759" "5596294" "5408481":.pn.) and (spectral same circulat\$4:	USPAT	1002/08/18 15:44			0
19	BR S	Ü	<pre>(((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (disper\$\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)))</pre>	EPO; JPO		•		0
20	BR S	0	(((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (mirror micromirror mirror micro-mirror reflect\$3)	EPO; JPO	2002/08/28 10:47	••••••	••	0
21	BR S	7	("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.	USPAT	^2002/08/28 12:05	• •••••••	•••••	0
22	BR S	<u>.</u>	(("6434291" "6327280" "6275623" "6154590" " "5805759" "5598294" "5408481").pn : and (liquid near5 hystal%)	USPAT	2002/08/28 10:50			0
2:3	121. 121.	-	<pre>"#434291" "#3272%0" "6275#21" "#154590" "#815759" "!!9%294" "!42%481" .pn. and (liquid near) rrysta(3)) and (gain\$) same (#qualir\$? flat\$6" same filter\$3) ([DGE D3F) near? filter\$3))</pre>	USPAT	1 .27 (87.8 11:98)
24	BF. S		6275623.pn. and spatial spectral bandwidth diffract\$4)	USPAT	[1002/08/18] 10:09			o l
1 :5	BF: S	-	5275623.pn. and (spatial saame (spectral randwidth diffract\$4))	USFAT	2002/08/.8 11:10	:		Ů
26	BR S	O	6275623.pn. ami spatial same spectral same bandwidth same diffrant\$4)	USPAT	20052/18/28 12.10			0

	Ty pe	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
29	BR S	<u>0</u>	(("6434.391" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and polymer\$4	USPAT	2002/08/28 15:45			ı)
	BR S	12	("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481" "6289699" "6148128" "6141470" "6055348" "5805751").pn.	USPAT	2001/08/28 15:50			O
	BR S	0	(("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481" "6289699" "6148128" "6141470" "6055348" "5805751").pn.	USPAT	.002/08/28 15:50			0
	BR S	0	<pre>(((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)</pre>	USPAT	2002/08/28 15:55	٠•	*********	0
33	BR S	5	<pre>(((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3!)) and (polymer\$3)</pre>	USPAT	2002/08/28 16:00	*****		()
34	BR S	0	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and nematic	USPAT	2002/08/28 15:57	^·····		()
3.5	BH S	<u>E,</u>	([]:gain\$1 same filter\$3 ([DGE DGF near7 filter\$3) and dirculat\$4 and ([diffract\$5 near3 grat\$3))) and (polymer\$3)) and mirror\$1	USFAT	2002/08/28 15:57	· · · · · · · · ·		(ı
	BF: S	4	<pre>((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3): and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and spectral</pre>	USFAT	2002/08/28 15:59			(·
37	BF. S	0	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and mems	USFAT	2002/08/28 15:59			Ó
	BF.	-	(((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3) and ((d:ffract\$5 near3 grat\$3)))	USFAT	2002/08/28			0

-	wavelengthicancreanreans .comtrol\$4 equaliz24 nearV light beam\$1	
L	 wavelength\$111)	

	Ty	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
41	BR S	1	(6275623.pn. and (((each individdual) near4 (wavelength\$1 beam\$1 \$3keam \$3keams)) ((control\$4 equaliz\$4) near7 (light beam\$1 wavelength\$1))) and (grating refract\$4 incident lines defract\$4)	USPAT	2003/01/13 11:07			0
42	BR S BR	1	6275623.pn.	USPAT	13:19	•		0
43	s	1	6275623.pn. and (discret\$3 grating control\$4)	USPAT	2003/04/25 13:22			0
44	BR S	13	(((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4);) (((gain\$1 same (equaliz\$3)) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror	USPAT	2003/06/23	•	••••••••	0
45	BR S	-0	((((gain\$1 same (equaliz\$3) same filter\$3) ((EGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3): and ((diffract\$5 near3 grat\$3))) and mirror) and ((liquid near1 crystal\$1) mems)	USPAT; US-PGF UB	2003/06/20 18:02		•	D
46	BR S	13	((((gain\$1 same (equaliz\$3)) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3)) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3)) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror) and ((diffraction\$4 near1 grating\$1) dg)	USPAT; US-PGP UB	2003/06/23 11:35		:	0
47	BR S	5	(((((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and diffract\$1 near3 grat\$3))) and mirror and diffraction\$4 near1 grating\$1 dg)) and fical\$2		2003/06/23 14:06	•		O
48	BR S	42	(gain\$1 same (equilix\$3: same filter\$1: (DGE DGF grating: near7 filter\$3:) and (fold\$3 near2 (mirror micromirror))	USPAT	1,003,06,23 15:1€			0
49	BR S	24	(fold\$3 near2 (mirror micromirror))) and	USPAT; US-PGP UB	2003/05/23 11:36		(0

:	BF S	ř	gaulus same in plassion to be no filtered of DGE DGE grating incar to filters? I and folds: near2 mirror micromorphic and nimulats4	USEACH TO THE ACTUAL TO THE TOTAL THE TOTAL TO THE TOTAL
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52	BR S	6	((((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and circulat\$4) and focal	USPAT; US-PGP UB	2003/06/23 11:48			0
53	BR S	1	6327280.pn.	USPAT; US-PGF UB	,2003/06/23 14:30			0
54	BR S	1	6275613.pn.	USPAT; US-PGP UB	2003/05/23 14:16			()
55	BR. S	8	(((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near1 (mirror micromirror)): and ((dispers\$4 grating) near3 concav\$3)	USPAT; US-PGP UE	1003/36/13 14:19			0
56	BR S	0	6317280.pn. and (liquid near1 cryst\$3)	USPAT; US-PGP UB	2003/05/23 14:31			0
57	BR S	1	6275623.pm. and (liquid near2 cryst\$3)	USPAT; US-PGP UB	2003/05/23 14:31	**********		0
58	BR S	1316	aberration near6 (adjust\$4 correct\$4) near7 concave neaar6 grating near5 concave	USPAT; US-PGP UB	2003/06/23 15:17			0
59	BR S	0	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave and (gain near1 equaliz\$4)	USPAT; US-PGP UB	2003/06/23 15:19	•••••		0
60	BR S	13	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave	USPAT; US-PGP UB	2003/06/23 15:21	o		O.
61	BR S	0	((aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave) and filter\$3) and gain	USPAT; US-PGF UB	2003/06/23 15:19	>		Ú
62	BF.	10	(aberration hear6 (adjust\$4 correct\$4) near7 concave near6 grating hear5 concave) and filter\$5	USPAT; US-PGF UE	11(03/06/23 15:21	•		C.
63	BF.	13	aberration near6 (adjust\$4 correct\$4) near7 concave nearf grating near5 concave near7 diffract\$4	USPAT; US-PGP UB	2003/06/23 25:22			O
	BR		(aberration mear6 (adjust\$4 correct\$4) near7	USPAT;	Suud Yuu yüd	•		

Her	told\$9,tear, mirror micromirror and collight beam[] near% dispers\$4 dirius\$4 scatter\$4 and consave	18 1 4 1 18 18 142

	ту	HILS	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
66	BR S	.)	(((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror)) and (modulat\$4 near4 concave)	USPAT; US-PGF UB	2003/06/23 15:43			0
67	BR S)	(gain nearl equaliz\$3) and (modulat\$4 near4 concave) same grating	USPAT; US-PGF UB	2003/06/23 15:44		•	0
68	BR S	(:	(gain nearl equaliz\$3) and ((modulat\$4 near4 concave) same grating)	USPAT; US-PGF UB	1003/05/13 15:45		•	0
69	BR S	0	(gain nearl equaliz\$3) and amodulat\$4 near4 concave) and grating	USPAT; US-PGP UB	2003/05/23 15:45	*********		0
70	BR.	0	(gain nearl equaliz\$3) and (modulat\$4 near4 concave) and grating	EPO; JPO; DERWEN T	2003/06/23 15:45	•····•		0
71	BR S	-2	(filter) and ((modulat\$4 near4 concave) same grating)	USPAT; US-PGP UB	2003/05/23 15:45			0
72	BR S	0	(((ga:n\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((liquid liquidcrystal\$3) near4 polymer\$1)	USPAT; US-PGP UB	2003/06/23 16:15	•·····		0
73	BR S	2	<pre>(gain\$1 near7 equaliz\$3) and ((((liquid near1 crystal) liquidcrystal\$3) near4 polymer\$1) same modulat\$3)</pre>	USPAT	2003/06/23 16:24	*		0
74	BR S	2	(gain\$1 rear7 equaliz\$3) and ((((liquid near1 crystal) liquidcrystal\$3) near7 polymer\$1) same modulat\$3)	USPAT	2003/06/23 16:32			0
75	BR S	4	((tec (thermal\$4 near4 expand\$3 near4 core)) near7 fiber) and (gain near7 equaliz\$3)	USPAT; US-PGP UB	2003/05/23 18:21		,	0
76	BF. S	<u>:</u>	6275623.pm. and (control\$3 same grating)	USPAT; US-PGP UB	2003/05/23 18:23			 O
77	BF. S	- -	6175613.pn. and :(control\$3 same ('40' grating)) (grating near7 (correct\$4 adjust\$3 modif\$7 chang\$5)))	USPAT; US-PGP UB	2003/05/23 18:28)
78	BF.	1	6275623.pn. and ((control\$4 same ('40' grating)) (grating near7 (correct\$4 adjust\$3 modif\$7 chang\$5)))	USPAT; US-PGP UB	2003/05/23 18:29		(()+